



February 26, 2014

A silhouette illustration of a coastal scene. On the left, an offshore oil rig stands in the water. A group of people stands on a small island or shore, looking out at a large fishing boat with its nets deployed. A bird is in flight. In the center, a person stands on a grassy bank, looking through binoculars. To the right, a dog is walking. Further right, a person is swinging a golf club. A small building is nestled among trees. A cow is grazing. On the far right, a large excavator and a truck are shown, suggesting construction or development. The background is a solid blue color. The text "committed to our coast" is written in white at the bottom right.

committed to our coast

committed to our coast

“However beautiful the strategy,
you should occasionally look at
the results.” - Winston Churchill

What's Happening Now?



- **Finishing Older Programs**
 - (Coastal Impact Assistance Program, Hurricane Protection System, CDBG, Berms to Barrier)
- **Starting/Continuing New Programs**
 - (Deepwater Horizon Natural Resource Damage, RESTORE Act, National Fish and Wildlife Foundation)
- **Investigating Large-Scale Projects**
 - Mississippi River Sediment Diversions
 - Increase Atchafalaya to Terrebonne
 - Calcasieu Ship Channel Salinity Control Measures
 - Houma Navigation Canal Lock Complex
 - Mississippi River Sediment Delivery System – East
- **Continuing to Solidify Foundation**
 - Advancing Adaptive Management Program
 - Systemwide Assessment and Monitoring Program
 - Master Plan Model Development
 - Data Management

Project Implementation Status



Coastal Restoration- January 2008 through FY 15

	Constructed		Under Construction		Anticipated to be bid for construction in FY14 (next 6 months)		Anticipated to be bid for construction in FY15		TOTALS	
	#	Total Cost	#	Total Cost	#	Total Cost	#	Total Cost	#	Total Cost
Barrier Island/Headland Restoration	6	\$430,107,161	4	\$223,760,744	1	\$132,439,272	2	\$214,269,971	13	\$1,000,577,148
Marsh Creation	5	\$94,302,595	8	\$199,830,919	6	\$96,211,608	4	\$199,773,984	23	\$590,119,106
Shoreline Protection	12	\$247,266,227	6	\$76,180,528	1	\$26,351,988	1	\$11,305,616	20	\$361,104,358
Hydrologic Restoration	6	\$66,824,678	2	\$5,500,000	4	\$18,536,943	0	\$0	12	\$90,861,621
Diversions	1	\$20,000,000		\$0		\$0	1	\$18,350,000	2	\$38,350,000
Oyster Barrier Reefs	1	\$1,510,433		\$0		\$0	1	\$23,500,000	2	\$25,010,433
	31	\$860,011,094	20	\$505,272,191	12	\$273,539,811	9	\$467,199,571	72	\$2,106,022,667

Structural Protection and Infrastructure - January 2008 through FY 15

	Constructed		Under Construction		Anticipated to be bid for construction in FY14 (next 6 months)		Anticipated to be bid for construction in FY15		TOTALS	
	#	Total Cost	#	Total Cost	#	Total Cost	#	Total Cost	#	Total Cost
Greater New Orleans Hurricane Protection System		\$4,984,256,580		\$3,748,755,700		TBD		TBD		\$8,733,012,280
Other Protection Projects		\$1,078,353,156		\$766,544,128		\$467,198,857		\$92,375,000		\$2,404,471,141
Infrastructure Projects		\$58,141,779		\$3,194,355		\$23,313,104		\$0		\$84,649,238
		\$6,120,751,515		\$4,518,494,183		\$490,511,961		\$92,375,000		\$11,222,132,659

Comprehensive Oil Spill Planning- Weaving it all Together

Criminal Settlement —

- **BP:** \$1.2B to the National Fish and Wildlife Foundation (NFWF) for barrier islands and diversions in Louisiana.
 - NFWF currently defining process.
- **Transocean:** \$75M directed to NFWF for barrier island restoration and/or river diversions off the coast of Louisiana.

Civil Penalties- RESTORE Act: 35% Equal Share Allocations, 30% Comprehensive Plan, 30% Impact Based State Allocations; Supplemental Environmental Projects (SEPS)

- Requires: 35% -State Plan, Parish Plans; 30% Council Plan; 30% State Plan
- **Transocean:** \$1B subject to RESTORE Act

Natural Resources Damage Assessment (NRDA)-

- Programmatic Environmental Impact Statement
- Programmatic Restoration Plan
- Draft and Final Restoration Plans

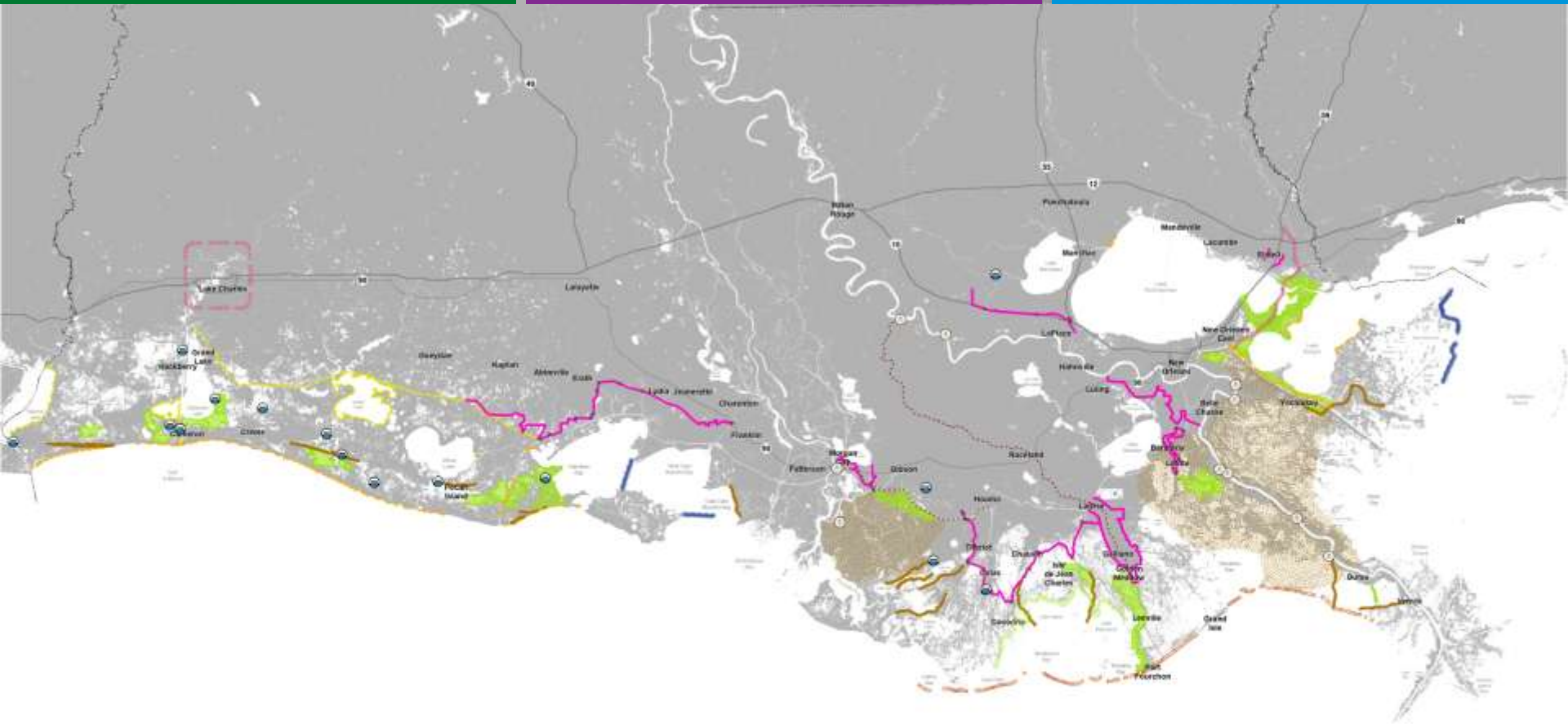
*** Purpose of this presentation is to provide some examples of what we expect might be funded based on what we know.**

Anticipated Role of the 2012 Master Plan

Southwest Coast

Central Coast

Southeast Coast



Projects Included:

Structural Protection	Bank Stabilization	Oyster Barrier Reef	Ridge Restoration	Shoreline Protection	Barrier Island Restoration	Marsh Creation	Sediment Diversion	Hydrologic Restoration
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Projects for Further Planning:

 Lake Pontchartrain Barrier
 Lake Charles Protection
 Terrebonne Bay Rim Marsh Creation
 Channel Realignment (Not Shown)

Oil Spill Restoration

Calcasieu & Mermentau



Project Name	Project Number
Calcasieu -Sabine Shoreline Protection-Component A	004.BS.04a
Calcasieu Ship Channel Salinity Control Measures	004.HR.06
Gulf Shoreline Protection (Freshwater Bayou to Southwest Pass)	03b.SP.05

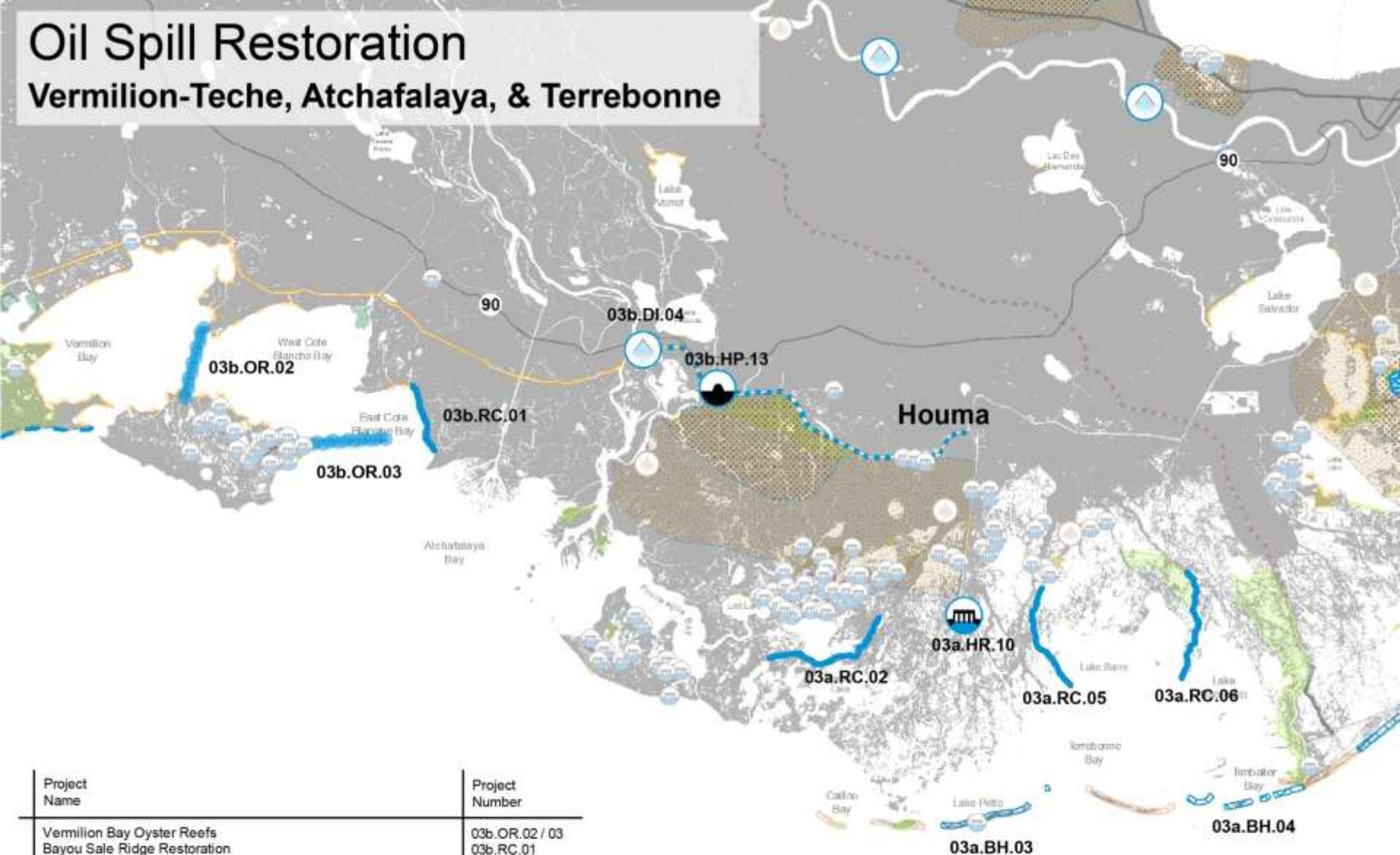
* NOTE: Projects for oil spill restoration are shown in blue on the map.

Restoration Project Types:

Bank Stabilization	Oyster Barter Reef Restoration	Ridge Restoration	Shoreline Protection	Infrastructure	Terraces	Barrier Island Restoration	Marsh Creation	Sediment Diversion	Hydrologic Restoration

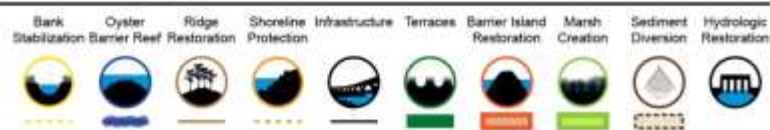
Oil Spill Restoration

Vermilion-Teche, Atchafalaya, & Terrebonne



Project Name	Project Number
Vermilion Bay Oyster Reefs	03b.OR.02 / 03
Bayou Sale Ridge Restoration	03b.RC.01
Bayou Chene Floodgate	03b.HP.13
Increase Atchafalaya Flow to Eastern Terrebonne	03b.DI.04
Bayou DuLarge Ridge Restoration	03a.RC.02
HNC Lock Hydrologic Restoration	03a.HR.10
Bayou Terrebonne Ridge Restoration	03a.RC.05
Bayou Pointe Au Chene Ridge Restoration	03a.RC.06
Isles Dernieres Barrier Island Restoration	03a.BH.03
Timbalier Islands Barrier Island Restoration	03a.BH.04

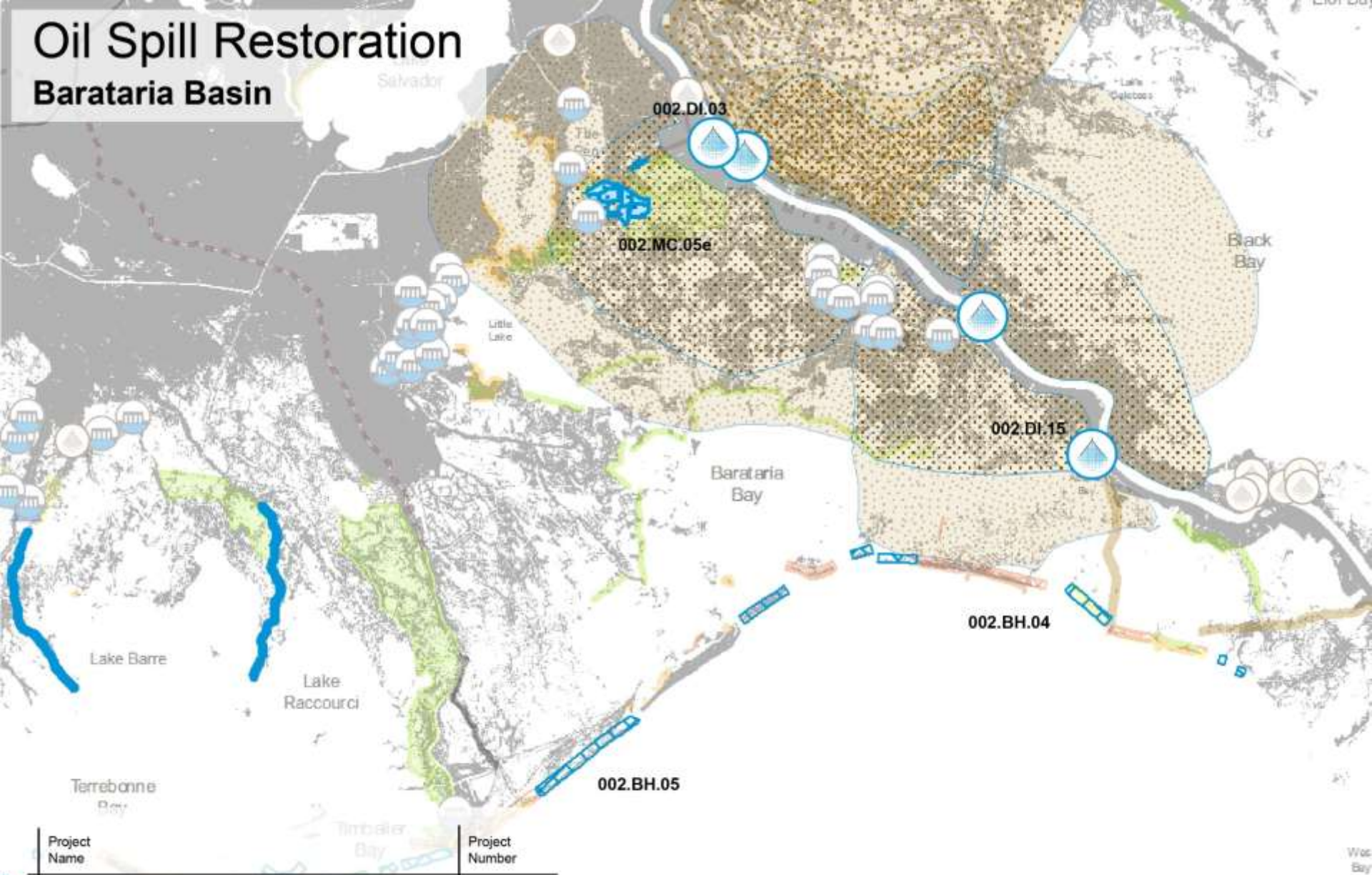
Restoration Project Types:



* NOTE: Projects for oil spill restoration are shown in blue on the map.

Oil Spill Restoration

Barataria Basin



Project
Name

Project
Number

Belle Pass to Caminada Pass Barrier Island Restoration
Barataria Pass to Sandy Point Barrier Island Restoration
Mississippi River Sediment Delivery System West
Mid-Barataria Diversion (50,000 cfs)
Lower Barataria Diversion (50,000 cfs)

002.BH.05
002.BH.04
002.MC.05e
002.DI.03
002.DI.15

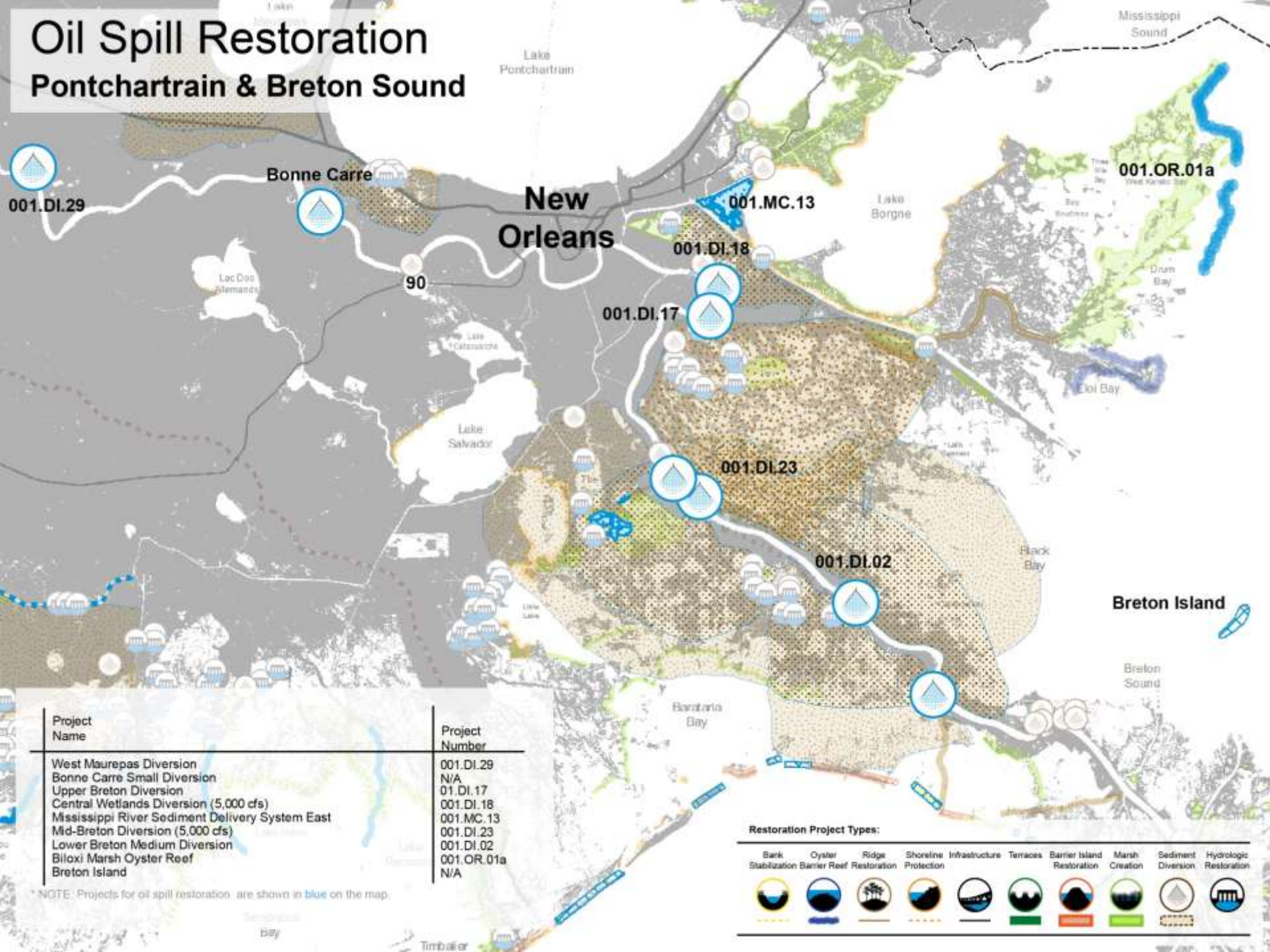
Restoration Project Types:



* NOTE: Projects for oil spill restoration are shown in blue on the map.

Oil Spill Restoration

Pontchartrain & Breton Sound



Barrier Islands

Project Name		Basin	Natural Resource		Criminal - NFWF	RESTORE ACT		
			Early Restoration	Final Restoration Plan		State - Equally Distributed (35%)	Council - Ecosystem Restoration (30%)	State - Impact Based (30%)
Chandeleurs	Breton Island	BS	*					
Barataria Pass to Sandy Point Barrier Island Restoration	West Grand Terre	BA		*	*	*	*	*
	Shell Island West	BA	*					
	Chenier Ronquille	BA	*					
	Grand Isle (break waters)	BA		*	*	*	*	*
	Caminada (Beach Dune and Back Barrier Marsh)	BA		*	*	*	*	*
Timbalier Islands Barrier Island Restoration	Main Timbalier West	TE		*	*	*	*	*
	Main Timbalier East	TE		*	*	*	*	*
	Bush Island	TE		*	*	*	*	*
	East Timbalier Island	TE		*	*	*	*	*
	West Belle Pass	TE		*	*	*	*	*
Isles Dernieres Barrier Island Restoration - TBBS	Racoon Point	TE		*	*	*	*	*
	Whiskey Island	TE	*					
	Trinity Island West	TE		*	*	*	*	*
	Trinity Island East	TE		*	*	*	*	*

Project Name		Basin	Natural Resource		Criminal - NFWF	RESTORE ACT		
			Early Restoration	Final Restoration Plan		State - Equally Distributed (35%)	Council - Ecosystem Restoration (30%)	State - Impact Based (30%)
Diversions	Mid Barataria Diversion	BA		*	*	*	*	*
	Lower Barataria Diversion	BA		*	*	*	*	*
	Upper Breton Diversion (Increment)	BS		*	*	*	*	*
	Lower Breton Medium Diversion	BS		*	*	*	*	*
	Mid Breton Diversion	BS		*	*	*	*	*
	Increase Atchafalaya Flow to Eastern Terrebonne	TE		*	*	*	*	*
	Central Wetlands Diversion	PO		*	*	*	*	*
	Bonne Carre Small Diversion	PO		*	*	*	*	*
	Maurepas Diversion	PO		*	*	*	*	*
	Convent/Blind	PO		*	*	*	*	*
Hydrologic Modifications	Calcasieu Ship Channel Salinity Control Measures	CS		*		*	*	*
	Houma Navigation Canal Lock Hydrologic Restoration	TE				*	*	*
	Bayou Chene	TE				*	*	*

Project Name		Basin	Natural Resource Damage Assessment		Criminal - NFWF	RESTORE ACT		
			Early Restoration	Final Restoration Plan		State - Equally Distributed (35%)	Council - Ecosystem Restoration (30%)	State - Impact Based (30%)
Marsh Creation	Mississippi River Sediment Delivery System East	PO		*		*	*	*
	Mississippi River Sediment Delivery System West	BA		*		*	*	*
	Lake Hermitage -NRDA increment	BA	*					
Bank Stabilization	Calcasieu-Sabine Bank Stabilization	CS		*		*	*	*
	Gulf Shoreline Protection (Freshwater Bayou to Southwest Pass)	CS		*		*	*	*
Ridge Restoration	Bayou Sale Ridge Restoration	TV		*		*	*	*
	Bayou Dularge Ridge Restoration	TE		*		*	*	*
	Bayou Terrebonne Ridge Restoration	TE		*		*	*	*
	Bayou Pointe Au Chene Ridge Restoration	TE		*		*	*	*
Oyster Reef	Biloxi Marsh Oyster Reef	PO		*		*	*	*

In Summary:

Barrier Islands/Headlands

- Caminada Phase 2 (Advancing)
- Whiskey Island (Advancing)
- Shell Island (Advancing)
- Chenier Ronquille (Advancing)
- Breton Island (Advancing)

Sediment Diversions

- Mid Barataria Diversion (Advancing)
- Lower Barataria Diversion (Advancing)
- Lower Breton Diversion (Advancing)
- Increase Atchafalaya Flow into Eastern Terrebonne (Advancing)
- Upper Breton Diversion (Possible)
- Mid Breton Diversion (Possible)

Freshwater Diversion

- West Maurepas Diversion (Advancing)
- Central Wetlands Diversion
- Bonne Carre Diversion

Hydrologic Modification

- Houma Navigation Canal Lock (Advancing)
- Calcasieu Ship Channel Salinity Control (Advancing)
- Bayou Chene Floodgate

Marsh Creation

- Sediment Pipeline –West
- Sediment Pipeline - East

Next Steps:

1. Continue constructing projects
2. Continue to position for wise implementation
3. Continue improve evaluation tools
4. To survey results and adjust

QUESTIONS?